



PAPER G

SKILL AREA	MEASURING & OBSERVING	INTERPRETING DATA	PREDICTING/CONCLUDING FROM DATA	INVESTIGATING	REASONING/PROBLEM SOLVING
KNOWLEDGE AREA	Questions may require students to do all the above as well as, for example, the following:				
EARTH & BEYOND	<ul style="list-style-type: none"> measure the size of atmospheric phenomena such as cyclones 	<ul style="list-style-type: none"> determine the characteristics of the Sun from graphical and tabulated data 	<ul style="list-style-type: none"> determine the effects of UV light on living and non-living things 	<ul style="list-style-type: none"> generate hypotheses and predictions in relation to the weather 	<ul style="list-style-type: none"> analyse data related to luminosity of planets and stars
NATURAL & PROCESSED MATERIALS	<ul style="list-style-type: none"> determine the purpose of dials on measuring equipment 	<ul style="list-style-type: none"> interpret data about the properties of metals 	<ul style="list-style-type: none"> interpret representations of simple molecules 	<ul style="list-style-type: none"> establish the sequence in writing up scientific experiments 	<ul style="list-style-type: none"> determine the type of products formed during chemical reactions
LIFE & LIVING	<ul style="list-style-type: none"> identify and classify living things based on written descriptions 	<ul style="list-style-type: none"> use data to identify pests in Australia 	<ul style="list-style-type: none"> understand and use biological terminology 	<ul style="list-style-type: none"> apply methods of random sampling of living things in ecosystems 	<ul style="list-style-type: none"> examine exponential growth in living systems
ENERGY & CHANGE	<ul style="list-style-type: none"> measure power using special instruments 	<ul style="list-style-type: none"> determine the paths of projectiles from a series of photographs or diagrams 	<ul style="list-style-type: none"> determine forces in specific situations 	<ul style="list-style-type: none"> investigate conversions between potential and kinetic energy 	<ul style="list-style-type: none"> deduce relative movement in rotating systems

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